

ABSTRACT OF THE DISCLOSURE

A system for selectively blocking electromagnetic energy. The system
5 includes a first mechanism for employing a perforated component to pass a beam
characterized by a first property and reject a beam characterized by a second property.
A second mechanism selectively alters a beam passed by the first mechanism so that
upon reflection, the beam exhibits the second property. In a specific embodiment, the
first property corresponds to a first polarization, and the second property corresponds
10 to a second polarization. In the specific embodiment, the perforated component
includes a beamsplitter having a first perforated metallic plate. The second
mechanism includes a quarter-wave plate having a second perforated metallic plate.